

STATOR STRUCTURE OF ROTARY DEVICE AND ITS FORMING
METHO

ABSTRACT OF THE DISCLOSURE

Disclosed is a stator structure of a rotary device and its forming
5 method. The method for forming a stator structure includes the steps of
(a) forming a first part having a first middle portion with a through hole,
and M pieces of extending portions extending from the first middle
portion, (b) forming a second part having a second middle portion with a
through hole, and N pieces of extending portions extending from the
10 second middle portion, (c) alternately bending the M pieces of extending
portions of the first part toward a first direction and alternately bending
the N pieces of extending portions of the second part toward a second
direction opposite to the first direction, respectively, and (d)
correspondingly combining the first and second parts together to form
15 the stator structure in which the bent extending portions of the first and
second parts constitute a columnar portion of the stator structure for
winding a coil thereon, wherein M and N are even numbers not less than
four, respectively.